



Red highlighted traces
are faults which broke
in 1971 (from Barrows, et al.,
1975, reference d).
↓ on downthrown side
7- displacement in cm
Note: Data shown for
Santa Susana fault only.

MAP EXPLANATION

- Potentially Active Faults**
- 1906 C Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.
- Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.
- Special Studies Zone Boundaries**
- These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.
- Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES
Delineated in compliance with
Chapter 7.5, Division 2 of the California Public Resources Code
SAN FERNANDO QUADRANGLE
OFFICIAL MAP
Effective: January 1, 1976
T. E. Gay Jr. Acting State Geologist

REFERENCES USED TO COMPILE FAULT DATA

- San Fernando Quadrangle
- Barrows, A. G., Kahle, J. E., Saul, R. B., and Weber, F. H., Jr., 1975, Geologic map of the San Fernando earthquake area, California, earthquake of 9 February 1971: California Division of Mines and Geology Bulletin 196, pl. 2.
- Barrows, A. G., Kahle, J. E., Weber, F. H., Jr., Saul, R. B., and Morton, D. M., 1975, Surface effects map of the San Fernando earthquake area in San Fernando, California, earthquake of 9 February 1971: California Division of Mines and Geology Bulletin 196, pl. 3.
- Yerkes, R. G., Bonilla, M. G., Sims, J. D., Wallace, J. B., and Frizzell, V. A., Jr., 1973, Maps showing faults and ruptures of the Norman Reservoirs area, northern San Fernando Valley, California: U.S. Geological Survey Miscellaneous Field Studies Map 549.

IMPORTANT - PLEASE NOTE

- 1) This map may not show all potentially active faults, either within the special studies zones or outside their boundaries.
- 2) Faults shown are the basis for establishing the boundaries of the special studies zones.
- 3) The identification of these potentially active faults and the location of such faults are based on the best available data. Traces have been drawn as accurately as possible at this map scale, however, the quality of data used is highly varied. Faults shown have not been field checked during this map compilation.
- 4) Fault information on this map is not sufficient to serve as a substitute for information developed by the special studies that may be required under Chapter 7.5, Division 2 of the California Public Resources Code.